

## Call for Contributions to the 6<sup>th</sup> GI/ACM I4.0 Standardization Workshop on Industrial Automation and Control Systems (6<sup>th</sup> IACS WS'21), Berlin-Virtual, 2021 September 28



**#INFORMATIK  
2021**  
COMPUTER SCIENCE  
& SUSTAINABILITY  
27.09. – 01.10.2021

The I4.0 Standardization Workshop Series on IACS is aligned with the yearly assembly of the GI Jahrestagung 2021. The IACS Workshop Organizers appreciate to refer to the [GI website of the Jahrestagung 2021](#) in order to get more information on

**the 51<sup>th</sup> GI Jahrestagung, from 2021 Sept. 27 to Oct. 01, organized by GI Berlin.**

Please notice that all the communications to prepare the Workshop **including submissions uploads and reviewing** of participants, organizers, PC members, authors etc. SHALL be done via the [easychair tool](#) by logging-in to: 6<sup>th</sup> IACS WS2021!

(Please be aware that the *easychair tool* requires to be registered before logging-in  
—> <https://easychair.org/account/signup>)

### 6<sup>th</sup> IACS WS'21 Time Plan:

1. Early Registration of Abstracts of Intentional Submissions: **April 11**;
2. [LNI-ready papers](#) for the 6<sup>th</sup> I4.0ACS WS'21 LNI Proceedings: **June 10**; (End of Reviewing)
3. LNI Proceedings Preparation: **July 31**;
4. **The 6<sup>th</sup> I4.0ACS WS'21, GI Berlin-Virtual: September 28**  
(accepted papers' presentations due).

One of the general objective of the 6<sup>th</sup> I4.0ACS WS'21 and of the conference 'GI Jahrestagung 2021' is on **how to achieve sustainability by standardization** of I4.0 Automation and Control Systems (IACS) according to the current development of one of the most important industrial standards series IEC 62443!

Related work of Standards Developing Organizations and international Technical Committees related to IACS are IEC TC65 'Smart Manufacturing', and ISO/JTC1 SC27 on Security Technologies, SC38 on Cloud Computing, SC41 on Industrial Internets of Things, SC42 on Artificial Intelligence Technology in Smart Factories, Smart Cities, Smart Grids etc.

Since *Informatik2016* the IACS Workshop Series appreciates cooperation with EU and national industrial standardization supporting organizations:



CALL 3<sup>rd</sup> GI/ACM I4.0 Standardization Workshop,  
GI Jahrestagung 2018 :  
'Smart Data Forum' @ FhG Heinrich-Hertz-Institut  
Berlin  
September 24, 2018



<https://www.easychair.org/>



INFORMATIK 2017 – DIGITALE KULTUREN  
47. Jahrestagung der GI e.V. 25.-29.9.2017,  
TU Chemnitz:

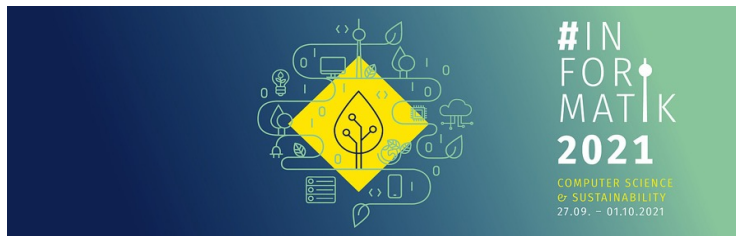


2<sup>nd</sup> Standardization Workshop on  
IACS Trustworthiness 25.9.2017



**INFORMATIK 2016** Informatik von Menschen für Menschen  
46. Jahrestagung der Gesellschaft für Informatik | 26. - 30. Sep. 2016 | Klagenfurt / Österreich

## Preliminary Programme of the 6<sup>th</sup> GI/ACM I4.0 Standardization Workshop on Industrial Automation and Control Systems (6<sup>th</sup> IACS WS'21), Berlin-Virtual, 2021 September 28, 9h-16h (3 sessions)



- **Opening Keynote Prof. Hannes Federrath, President of GI:** Science, Standardization and Industry4.0 – How do they together make innovations
- **Joseph Schindler FA University Erlangen et al:** Secure OPC UA Server Configuration for Smart Charging Stations
- **Robert Altschaffel OVG University Magdeburg et al:** Supporting Security in Industrial Automation and Control Systems using Domain-specific Modelling
- **Asmaa Tellabi University of Siegen et al:** ABAC and RBAC for IACS for Industry4.0 Access Control Management
- **Martin Szemkus HS Magdeburg-Stendal et al:** Primary and Supporting Assets for IACS Risk Management
- **Keynote Sebastian Fritsch secuvera GmbH:** Evaluation Concepts for Security of IACS-Systems



- **Invited Keynote N.N. German-Chinese Cooperation:** Cyber Security Testing Systems for Sino-German Intelligent Manufacturing I4.0
- **Christele Larissa Moussi-Djeukoua FA University Erlangen:** Secure Unidirectional Security Gateways for Industry 4.0
- **Raman Barakat FhG FOKUS Berlin et al:** Towards a Certification Scheme for IoT Security Evaluation
- **Keynote Detlef Tenhagen JTC1/SC41 Convenor et al:** Facets of the Digital Twin
- **Anja Simon Labs NW Industrie 4.0 e.V:** Neutral Interoperability Testbeds
- **Keynote Olga Meyer FhG IPA:** German Standardization Roadmap 4.0 – From national recommendations for action to global harmonization